

FFA400-426

Fan Filter Assembly 400 CFM (680 m³/h)



The FFA400-426 is the third generation of the FFA400-100. It is a compact, all-weather, man-portable, stackable, positive-pressure CBRN filtration system. The FFA400-426 provides up to 400 CFM (680 m³/h) of clean, safe, breathable air for mobile and permanent shelters for applications such as command, communication or medical.

The FFA400-426 consists of three independently mounted components:

A filter housing with variable-speed motor blower, integrated captured fasteners on a mounting cradle. The filter housing includes an integrated inertial particle separator with two ejection ports. The filter housing hosts two M98, 200 CFM (340 m³/h) gas and particulate filter sets which comply with STANAG4447.

The variable-speed motor blower is mounted internally to the filter housing. The motor speed is varied electronically by the MCU (Motor Control Unit) to maintain constant flow (400 ±20 CFM, 680 ±34 m³/h) as the filters get loaded.

The system is equipped with a corded mountable remote control, which includes the On/Off switches, system performance indicator, and fault conditions. The remote control is mounted in a NEMA 4 rated enclosure and can be mounted either outside or inside the shelter. The remote control can be daisy-chained to additional optional remote controls or an optional handheld remote.

KEY FEATURES

- Lightweight, ~100 lbs (45 kg), and ~180 lbs (68 kg), with filters
- Designed for fixed mount and permanent installations on fixed facilities, mobile, or transportable application
- Built-in Inertial Particle Separator to extend filter life
- A variable-speed motor control maintains constant flow output
- Employs two standard M98 gas particulate filter sets
- Allows for independent HEPA (Particulate) filter replacement
- Includes mountable enclosed remote control
- Quiet operation, under 70dba



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FFA400-426 SPECIFICATIONS

Ordering information

FFA400-426 System

HDT part number	FFA400-426
NSN	N/A
Military specification	MIL-PRF-31299

Filter element (2 sets)

HDT part number	5-19-6722-N
NSN	4240-01-369-6533

Rated air flow 400 CFM 680 m³/h

System air flow resistance 14 IWG est. 3500 Pa

Fan pressure performance 16 IWG est. 4000 Pa

Physical characteristics

L x W x H 31.22" x 26.75" x 26.25" 79.3 x 68 x 66.7 cm

Weight

Including accessories (no filters) ~100 lbs ~45 kg

Total unpacked with 2 filter sets 84 lbs 38.1 kg

Housing material Aluminum

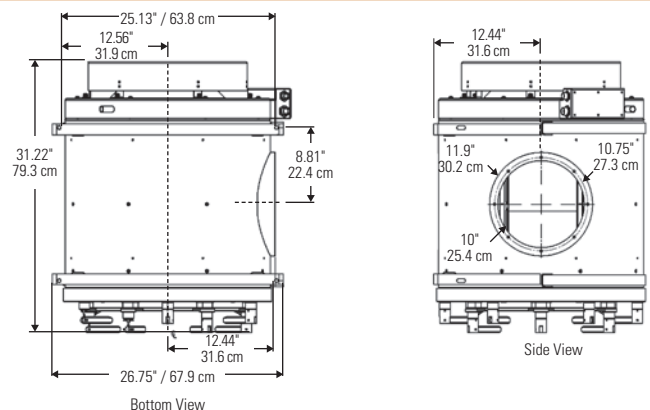
Filter (sold separately)

Total weight unpacked (2 filter sets)	84 lbs	38.1 kg
	M98, Gas and Particulate, Filter Set, 200 CFM PN 5-19-6722-N, NSN 4240-01-369-6533 - 2 sets	

Power requirements

Hz	50/60
VAC	190 – 240 (1 or 3 Phase)
Amperage	
1PH	22 Amps Max
3PH	14 Amps Max
HP	3.0 with 1.25 SF meter

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.



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This item and the technical data directly related to this item are subject to the Export Administration Regulations (EAR), 15 CFR 730-744. Filters are sold separately and may require prior authorization in order to be exported from the United States.

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